

1989 through 1995 PARKER LAKE SNAPSHOT



Some limited water testing was done in the late 1980s and early 1990s at Parker Lake, mostly due to local property owner. In 1989, the only water clarity reading taken showed a water clarity of 10 feet (good) and a total phosphorus level of 6 micrograms/liter (very good). Readings taken in 1990 had 16.9 feet (very good) as the water clarity and total phosphorus at 12 (very good).

Most of these readings were only taken once per year.

In 1992, the water clarity reading was 22.1 feet (excellent).

Phosphorus is the element most connected to the amount of aquatic vegetation lakes in Adams County have. The total phosphorus reading in 1992 had nearly tripled from the 1990 reading to 32.3 micrograms/liter, in the fair range.

Chlorophyll-a, a pigment correlated to the amount of algae a lake has, was low at 2.8 micrograms/liter.

These figures reflect no more than 2 readings in 1992.

In 1993 and 1994, whoever was taking readings went back to single readings of water clarity. Water clarity in 1993 was 14.3 feet and in 1994, it was 16 feet. Both of these suggest very good water clarity.

The aquatic invasive Eurasian watermilfoil (*Myriophyllum spicatum*) was found in the lake in 1995.

In 1996 and 1997, readings were taken for water clarity, total phosphorus and chlorophyll-a. Water clarity was 12.8 feet in 1996 and 17 feet in 1997, both very good.

Total phosphorus was good at 11 and 13 micrograms/liter. Chlorophyll-a remained low at 2.8 and 2.9 micrograms/liter.